

SEQUENCE LISTING

<110> POSTECH FOUNDATION, et al.

<120> Flowering time-controlling gene COG2 isolated from *Arabidopsis thaliana*

<130> PCA50313-PSC

<150> KR 10-2004-0021216

<151> 2004-03-29

<160> 8

<170> KopatentIn 1.71

<210> 1

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<212> DNA

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ccaagatgca agagcatgga gacaaagttc tgttacttca acaactacaa cgttaatcag	240
cctcgacact ttigttaaagg ctgccaccgt tactggaccg ccggtggtgc actccggaac	300
gttcccgtcg gcgccggtcg tcggaagtcc aaaccacctg gtcgtgtcgt ggttggtatg	360
cttggagatg gaaatggtgt tcgccaagtc gagcttataa atggcttgct cgttgaggag	420
tggcagcatg ccgcagccgc agctcacggt agtttcggc atgatattcc catgaagcgg	480
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 <222> (107)..(111)
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 35 40 45
 Thr Ala Glu Lys Arg Pro Asp Lys Ile Ile Ala Cys Pro Arg Cys Lys
 50 55 60
 Ser Met Glu Thr Lys Phe Cys Tyr Phe Asn Asn Tyr Asn Val Asn Gln
 65 70 75 80
 Pro Arg His Phe Cys Lys Gly Cys His Arg Tyr Trp Thr Ala Gly Gly
 85 90 95
 Ala Leu Arg Asn Val Pro Val Gly Ala Gly Arg Arg Lys Ser Lys Pro
 100 105 110
 Pro Gly Arg Val Val Val Gly Met Leu Gly Asp Gly Asn Gly Val Arg
 115 120 125
 Gln Val Glu Leu Ile Asn Gly Leu Leu Val Glu Glu Trp Gln His Ala
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gcaacaacag ccgtagatc accctcatcg gatctgacgg ctgagaagcg tccagacaag      180
atcataccat gtccgagatg caagagcatg gagactaagt ttgtttactt caacaactac      240
aacgttaatc aaccaagaca ctcttgcaaa ggttgtcaac gttactggac cgccggtgga      300
gctctccgga atgttcccggt cgggtgccggt cgtcggaagt caaaacctcc cggacgtgtc      360
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gctttgctag tggaagagtg gagagctgct acggcgtctc acggtggttt ccggcatgat      480
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Gln Gln Gln Gln Pro Glu Leu Gln Ala Thr Thr Ala Val Arg Ser Pro
      35              40              45
Ser Ser Asp Leu Thr Ala Glu Lys Arg Pro Asp Lys Ile Ile Pro Cys
      50              55              60
Pro Arg Cys Lys Ser Met Glu Thr Lys Phe Cys Tyr Phe Asn Asn Tyr
      65              70              75              80
Asn Val Asn Gln Pro Arg His Phe Cys Lys Gly Cys Gln Arg Tyr Trp
      85              90              95
Thr Ala Gly Gly Ala Leu Arg Asn Val Pro Val Gly Ala Gly Arg Arg
      100             105             110
Lys Ser Lys Pro Pro Gly Arg Val Gly Gly Phe Ala Glu Leu Leu Gly
      115             120             125
Ala Ala Thr Gly Ala Val Asp Gln Val Glu Leu Asp Ala Leu Leu Val
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